

Y-12 All Geared To Usher In Spring Season With Oak Terrace Dance Friday

Advanced Tickets May Still Be Purchased At 19 Locations Throughout Plant



Friday's the big night! At 9 p.m., Friday, May 15, toes begin tapping at the Oak Terrace Ballroom, signifying the plant's return to Spring!

A new musical outfit has been lined up . . . Bill Lawson's orchestra. They will be on hand to begin the dance right on time.

At intermission there'll be drawings for the door prizes . . . this year featuring out-door, yard-type equipment . . . lounging chairs, chaises, barbeque equipment, and picnic chests.

Ticket sellers in the plant include:

	Building
Recreation	9704-2
Cashier	Cafeteria
Betty Whitehorn	9202
Jackie Ward	9764
Shirley Brown	9720-8
Ann Rackley	9704-2
Madeline Keck	9739
Kathleen Milligan	9201-1
J. S. Thompson Jr.	9201-1
Jean Barnes	9733-2
Ann Ware	9204-2
Mildred Morris	9204-4
Jo Ann Isham	9212
Wanda Livesay	9212
Faye Duncan	9215
Avery Kendig	9720-6
June Sherrill	9206
Daisy Ward	9995
Doris Matthews	9706-2

If you failed to pick up tickets from any of the above people, they will be on sale (with smiles) at the door Friday night.

Tables are not reserved, and will go on the first-come, first-served basis. (A representative of a party usually comes by early enough to save places for all his buddies.)

Recreation has gone all out to make this dance one of the biggest ever . . . so get out those glad-rags and come on out to the dance . . . this Friday, at the Oak Terrace.

Dr. Hurt Speaks At IEEE Meeting

Dr. Howard B. Hurt, a consultant in clinical psychology here, will speak to the Oak Ridge Section of the Institute of Electrical and Electronics Engineers tomorrow. His subject will be "A Psychologist Views the Technical Man."

The IEEE meeting (dubbed 'Spring Dinner Meet') is slated at 6:30, tomorrow, Thursday, May 14, at the Elks Club, Oak Ridge.

A short business session will be held prior to the dinner. All members, guests and wives are welcomed at the meeting.

Harwell's Coleman Leads Physics Division Seminar

"Experiments Using the Ruth-erford Laboratory 50 MeV Proton Linac" will be the subject of Friday's Physics Division Seminar. It will be led by C. F. Coleman, who is on leave from AERE, Harwell, England.

The seminar is set for 3:15 p.m., Friday, May 15, in the East Auditorium of Oak Ridge National Laboratory's 4500 building.

6-12046



SEVEN YEARS WITHOUT a disabling injury for the Materials and Services Division earns a commendation at a recent Central Safety Committee meeting. Division Superintendent E. A. Pluhar (right) receives the plaque from Y-12 Plant Superintendent Roger F. Hibbs. The more than 4,000,000 safe man-hours worked by the division has contributed greatly to the plant's overall safety performance through the years.

Technical's 'In Vivo' Body Counter Essential Part Of Radiation Monitoring In Y-12



RADIATION SAFETY'S LENA RUTH BAILEY models the In Vivo body counter in a routine check for radioactive materials that may have been retained in the lungs. The counter is in the iron-shielded room, commonly called "The Iron Room."

AICHe Meets Tomorrow On Stream Pollution

The Knoxville-Oak Ridge Section of the American Institute of Chemical Engineers will have their ladies night dinner meeting tomorrow, Thursday, May 14. It will be held at the Alexander Hotel, Oak Ridge, with dinner slated for 7:30 p.m. and the technical session at 8:30.

Special guest will be S. Leary Jones, director of stream pollution control, Tennessee Department of Public Health. He will speak on "Water Pollution and its Control."

All members and guests will be welcomed at AICHe's May meeting.

'Plasma Theory' Topic Of Thernuclear Talk

T. K. Fowler will discuss "Plasma Theory" in this week's Thernuclear Division Seminar.

It is set for 9 a.m. Thursday, May 14 in the TD conference room of Building 9201-2.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
98 Days Or
3,284,000 Man-Hours
(Unofficial Estimate)
Without A Disabling
Injury
Through May 10
Phone 7755
For Daily Report
On Accident-Free Hours



L. Max Scott
In Heidelberg (cut)



C. M. 'Hap' West
Gives Paper At Hanford

RADIATION SAFETY men give talks in far corners of the world.

One of the prime concerns of Y-12 management is the maintenance of safe working conditions. Since the Y-12 plant processes large quantities of mildly radioactive materials, radiation protection is a significant part of the plant's overall safety program.

Prime emphasis is on the maintenance of low levels of potential exposure. In addition, all Y-12 personnel are routinely monitored for possible exposure to external radiation through the film-badge check every quarter.

Internal checks include urinalysis (analysis of urine samples) for uranium and has been used in Y-12 and other plants for many years in programs designated to estimate the amount of uranium contained in the body. More recently, the In Vivo Radioactivity Measurement (IVRM) Facility has been added to supplement data gained through urinalysis. The In Vivo counter in Y-12 has been operational since 1958.

Recent Attention

Recent attention has been called to the In Vivo counter here, as Radiation Safety's L. M. Scott is this week delivering a paper in Heidelberg, Germany. Co-author of the paper "Detection and Evaluation of Uranium Exposures" C. M. West also discussed Y-12's monitoring program last week at the "Symposium on Inhaled Particles," at Hanford, Washington. Scott is attending the symposium on the assessment of radioactive body burdens in man at Heidelberg.

The In Vivo counter utilizes a large, very sensitive crystal to detect the slight gamma radiation which is given off by any uranium which may be in a person's body. The detector reports its findings to electronic equipment which can be adjusted to record that radiation which is characteristic of uranium. In this way the counter is not confused by radiation from cesium, sodium, potassium or other radioactive materials which may be naturally present in the body in small quantities.

The In Vivo Counter consists of a low-background counting chamber (often referred to as the "Iron Room.") Also included are two scintillation detectors, and a multichannel pulse height analyzer.

The 'Iron Room'

The chamber, or Iron Room, is constructed of one-quarter inch laminated steel sheets. Walls, ceiling, and floor are eight inches thick with internal dimensions of six feet, eight inches square by seven feet, eight inches high. The floor and walls to a height of 30 inches are lined with tungsten-loaded epoxy plastic tile to assist in maintaining a low background.

Since the equipment to detect small quantities of uranium must be highly sensitive, there must be no uranium on any employee's body or clothing prior to the reading. Personnel reporting for monitoring are asked to shower and change into clean clothing (provided by Radiation Safety) before entering the counter room.

Continued on Page 4

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

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Lively Daughter Wins Award At Coalfield

Plans Pre-Med Study
At Collegedale



Ramona Lively

The attractive daughter of Mr. and Mrs. R. E. Lively was recently presented the Betty Crocker Award at Coalfield High School. She is an honor student in home economics there, graduating second in her class with an overall four-year average of 97.1.

Ramona has been secretary for the Beta Club for the past two years, and has held various other classes and club offices while in high school.

She plans to enter Southern Missionary College, Collegedale, Tennessee, where she has been accepted as a pre-med student. After medical school, Ramona hopes to specialize in surgery.

The Coalfield senior's father is in Y-12's General Metal Fabrication Shop.

Chemical Society Meets Tomorrow In Oak Ridge

P. M. Griffin and G. K. Werner, ORNL Physics Division, will be the featured speakers at the May 14 meeting of the Analytical Group, East Tennessee Section of the American Chemical Society. The topic for the evening will be "An Introduction to the Gas Laser, with Demonstration." The monthly meeting will be held in the Oak Ridge Institute of Nuclear Studies Training Building at 8 p.m.

Griffin received his B.S. degree from McKendree College in physics and chemistry.

Werner received his B.S. degree from University of Nebraska in engineering.

Safety and security are part of your job.



Overheard at the water fountain was the following conversation . . . "Did you get to see the President last week in Knoxville?" The answer was quick and to the point, "No, we didn't make it over, but we got the beagles hidden in time!"

Overheard in Y-12, in

MATERIALS AND SERVICES DIVISION

Timekeeping reports W. R. Worthington on vacation this week just staying at home.

The Mail Room reveals that J. E. Kimblin is vacationing on Watts Bar Lake . . . camping out and soaking fishing lines.

Cashier and Travel says that Ruby Lucas is on vacation seeing the sights in little ole New Orleans . . . the welcome mat is extended to Margaret Parks who has been off ill.

Microreproduction and Engineering Services tattles on J. M. McMaster who is spending his vacation fishing . . . he won't be able to catch them all because Georgia Rader, Finley West and Andy Inman are vacationing trying their luck in various lake waters.

Get well wishes go to John Rohland who went home from the hospital last week after an emergency appendectomy.

One drawback in being a person that people can depend on is that too many do.

MAINTENANCE DIVISION

Electrical Department has the story that C. F. Chandler recently represented the Southern Division of the National Scalemen Association at their conference in Liberty, New York and since he was in the area, decided to look around at the World's Fair. That's a pleasant way to kill two birds with one vacation . . . G. B. Rawlings is vacationing in Virginia with relatives . . . George Edmonds is relaxing with his fishing pole for a few days.

Ramona Berney, daughter of G. E. Berney, chose a very appropriate name for the new addition to their family — a pony. "Tiny" has to be fed with a bottle, and we wonder who gets up for the two o'clock feeding.

Maintenance Administrative Services says that Joe Pesterfield is on military leave for two weeks at Fort Lee, Virginia. Nelson Tibbatts is on vacation at Norris Lake.



Larry and Gary Davis

The two dressed-up gentlemen are the twin sons of Mr. and Mrs. Raymond Davis, Route 4, Harri-man. Proud pop works in Process Maintenance.

Inflation is a time when people

go broke in a prosperous sort of way.

FABRICATION



Larry Minge

About to have a piece of cake is Larry Minge, seen at his first birthday gathering . . . candle and all. The papa, S. R. Minge is in Y-12's E-Wing Shop. The Minges live at 617 West Outer Drive, Oak Ridge.

E, M, and C-Wing, 9206 Shops shells out news that Jo Walpool has just returned from a vacation in Gatlinburg. It is reported she had a wonderful time attending the Tennessee Automotive Association Convention, also enjoyed the mountains and a change of scenery . . . A. R. Agee is vacationing at home taking care of his posies, it says here.

The USA could solve one of its biggest problems by just letting Castro and Chiang Kai-Shek trade islands.

INDUSTRIAL RELATIONS

Fire and Guard Department reports that M. L. Woodard, D. E. Bailey, H. E. Hardwick, J. F. Bruce, K. G. Edgemon, O. C. Beatty, and F. L. Roberts all off on vacation . . . get well wishes go to G. C. Gypson off sick.

SHIFT SUPERINTENDENTS AND UTILITIES

Vacationers include E. M. Baird vacationing two weeks on a houseboat on Norris Lake, W. S. Everett visiting relatives in Middle Tennessee, and J. C. Yarber and J. A. Braden who didn't reveal plans.

Condolences are extended to the O. C. Buck family in the recent death of his brother-in-law; also to C. D. Langley whose father died May 5.

Here's an ideal gift for the man who has everything . . . give him a calendar that tells him when his payments are all due.

METAL PREPARATION

From Chemical Services and Thorium Machining comes this little bit of news in verse. It should have been in last week's Bulletin . . . and the timing will be a little out of kilter . . . but the rhyming is good and so is the news. Charlie Mills (our old Hollywood actor) penned it, along with news that MGM is working in Nashville on the life of Hank Williams . . . and that King Vidor is wanting to film a pix in Knox . . . and that Gregory Peck will be the star in a future



SIMS—SCOTT

Miss Geneva Kay Scott and Mr. Donald Lloyd Sims were united in marriage on Saturday, April 11, at the First Baptist Church, Olean, New York. The Reverend Forrest B. Fordham officiated at the rites, and Mrs. Arvin Gleason, church organist, presented nuptial music.

The bride is the daughter of Mr. and Mrs. Sheldon L. Scott, Olean. The groom is the son of Mr. and Mrs. J. C. Sims, 101 Marietta Circle, Oak Ridge. The groom's father is in Y-12's Utilities.

The bride, a graduate of Olean High School and of the International Data Processing Institute, is employed at the Oak Ridge Gaseous Diffusion Plant.

The groom, who served three years with the United States Army, attended Tennessee Polytechnic Institute, and is with the Business Service and Supply Co., Oak Ridge. He is a graduate of Oak Ridge High School.

Following a southern wedding trip, Mr. and Mrs. Sims are at home at 224 North Purdue Avenue, Oak Ridge.

film to be processed locally. Here's the news:

In Nashville R. D. Bass is on vacation . . .

Visiting good friends and relations;

Plans on doing some fishing, too Good luck (and good bass) we wish for you.

Christie visiting kinfolk and friend Best of vacation luck we send . . .

On jury duty is A. C. Lee Over in Clinton, Tennessee.

Many attended the fishing rodeo At least one fish got away, I bet Grand prizes were won we know This is one they won't forget.

We hope John Chamblee soon gets well While in the hospital he doth dwell.

Another get well wish for W. C. Asbury We want you back in a big hurry.

Another on the sick list That has really been missed Wish a speedy recovery for Milo Sweet Hope you're well and on your feet.

In Cincinnati, Herb Oliver's there Making many a strike and spare. Herb really has a bowler's grip That's the reason for this trip.

To Miami, Frank Jeffreys went Bet he's happy and content . . . Basking, fishing in Florida sun A lot of fishing there is done.

See you next week.

Low-Pressure Lunch Sounds Low Enough

A distiller has recommended a liquid lunch consisting of a "new low-pressure" mix for martinis . . . two ounces of tawny port (chilled), one-half ounce dry vermouth, three dashes of biters, a twist of lemon peel and a cherry. The distillers did not say, however, where, or what kind of jobs are available where such lunches are permitted!

ASTME Names Alvey To National Post

Y-12er Will Serve
On Program Committee

6-12039



Harold E. Alvey

Harold E. Alvey, department head in Production Machining, Fabrication Division, has been appointed to a national office in the American Society of Tool and Manufacturing Engineers. The ASTME recently confirmed the appointment. He will serve on the National Chapters' Program Committee. This important group is comprised of four members chosen for their outstanding work in the society, and he will work on the national level of activities.

Alvey is a charter member of the Knoxville-Oak Ridge Chapter 107 of ASTME. He has served the local chapter admirably as editorial chairman, membership chairman, Technical Society Joint Council representative, chairman of technical publications who initiated the local chapter's publication "Tool Progress." After serving as first and second vice chairman, he was elected chairman. At present, he holds the position as local chairman of the honor awards committee.

He attended Shurtleff College, Alton, Illinois; and the University of Tennessee.

The Y-12 department head began his industrial career as a tool and die maker apprentice with Olin Mathieson, Inc., Wood River, Illinois. During this time he enlisted in the United States Air Force, and served for four years.

In July, 1951, he came to Y-12 as an experimental machinist. Since then he has held various supervisory positions leading to his present position.

Married to the former Frances Mercer, Alvey resides on Orchard Circle, Oak Ridge. They have two daughters, Pam, 16, and Brenda, 11.

ASTME members and other Y-12ers congratulate Alvey on his appointment.

See Population Increase At Current World's Fair

Somewhere in the United States, a baby is born every seven and a half seconds; every 17 seconds someone dies. As a nation, we are gaining about 7,500 new Americans per day. If you visit the World's Fair this summer, you can actually watch the country grow, as you study a 45-foot map with flashing lights illuminating each state as births and deaths occur. A giant counter overhead keeps a running tally of the United States' population.

Don Pitt Again Tops Skeet League Firing

Red Wiest Leads Class AA Firers

Don Pitt led Carbide Skeeters for the second consecutive shoot recently, as the league moved into its fifth round. His total 119 score (a perfect score is 125) was followed by ORNL's two sharpshooters John Swartout and Bill Brundage, each with 117. Ken Bahler, ORGDP, also fired a total of 117 to date. All are class AAA members.

Red Wiest led class AA firers with a 114 . . . and ORNL's H. D. Wills led in Class A with 98.

Standings follow:

CLASS AAA	
Don Pitt, Y-12	119
John Swartout, ORNL	117
Bill Brundage, ORNL	117
Ken Bahler, ORNL	117
Fred Welfare, Y-12	115
Bill Davy, ORGDP	104
Bob Powers, Y-12	94
Jack Case, Y-12	83*
CLASS AA	
M. C. (Red) Wiest, Y-12	114
F. S. Patton, Y-12	112
Carl Brewster, Y-12	101
Charlie Asmanes, Y-12	96
Derek Walton, ORNL	81*
M. L. (Doc) Bailey, Y-12	74*
Jack Steward, Y-12	55*
Joe Levin, ORNL	37*
CLASS A	
H. D. Wills, ORNL	98
R. H. (Red) McNabb	97
R. A. Allstun, Y-12	88
Newt Hamby, Y-12	81*
Wally Davis, ORGDP	38*

*Incomplete scores.
Due to conflicts with rifle and skeet tournaments the next round in the league will be fired on Sunday, June 7.

Slo Pitch Is Underway With 14 Teams

A total of 14 Slo Pitch teams opened the Carbide Softball League this week at the Lucky Ten and the Cherokees (both Y-12 teams) cracked the old bats at Pinewood Park, Oak Ridge.

Play began Monday, May 11, and will be played on consecutive Mondays, Tuesdays, and Thursdays.

The 12 Y-12 teams are (along with managers and assistant managers): LUCKY TEN: Herman Horton and Chester Anderson; PEONS: Harry Keen and Roy Roberts; EAGLES: R. A. Huber and John Pridgeon; DISPATCHING REBS: Jan Buckley and Ray Riggs; REAGENTS: L. C. Peters and Bill Freels; ATOMS: D. W. Daws and Don Forrester; BEANBALLS: B. E. Rowland and J. E. Gadd; BAT BOYS: B. C. Sims and Romeo Green; CHEROKEES: E. T. Stairand A. C. Davis; TEDS:



THAT'S A-HEAP-A BULL, there, pardner! Lindell Wilson, son of Utilities' C. G. Wilson, holds his prize calf that recently took a Grand Champion title at Jacksboro.

Wilson Son's Steer Sam Is Now Grand Champion Angus

Lindell Wilson, Jacksboro High, is mighty proud of his steer Sam. The Angus calf recently gained the Grand Champion title at the Annual Campbell County 4-H, F.F.A. Finished Calf Show at Jacksboro. Then, later, in the East Tennessee show at Knoxville, the calf placed 19th in the choice Angus group.

Lindell, the son of Mr. and Mrs.

C. G. Wilson (his father is in Utilities' Steamplant), has four registered Angus cows also. Some of his other cattle placed high in the County show, along with Sam.

4-H Club work ranks high with the Wilson son. Besides cattle he is proficient in projects like leadership, home improvement and public speaking.

Marshall Biddix and Dale Allstun; BIG SHOPS: George Manning and M. F. Crawford; and the GOPHERS: Loyd Wyatt and R. H. Hull. Two teams from the Oak Ridge Gaseous Diffusion Plant are entered in competition . . . The METS: W. C. Gordon and John Keith; and K-25 INSTRUMENTS: Charles Baker and Mel Strickland.

Play ball, men!

Y-12ers Take Loot In Norris Rodeo

The big Anderson County Sportsmen Club's fishing rodeo, held on Norris Lake, May 2 and 3 featured several Y-12ers in winning slots.

In bass fishing Bill Rains took a six pound, seven ounce largemouth . . . Virgil Lovett's smallmouth weighed two pounds, 13

ounces; and Bill Nichols' two pound, 12 ounce smallmouth took third place.

The crappie over the top belong to J. W. Davis and Dwayne Hickson, who caught identical ones, weighed one pound, eight ounces each and George Moyers whose crappie scaled off at one pound, six ounces. In walleye fishing it was N. L. Dykes with one weighing four pounds, 12 ounces; L. Miler, three pounds, two ounces; and Charles Marlow, two pounds, eight ounces.

Stripe fishing saw George Moyers land a two pound, six ounce one; Jack Rains, two pounds, five ounces; and D. Tiller, two pounds, four ounces.

Dick Brothers took a handsome belt ax and knife set in the door-prize drawing at the successful rodeo.

The Y-12 plant is some 500 acres large.

Cotton Thomas 3-Under Par In Opening Golf Tournament

The season's opening Y-12 Golf Tournament got off to a bang. Plant golfers set the fairways on fire with blistering rounds. K. E. (Cotton) Thomas, tournament champion, ripped the Wallace Hills greens apart with a blazing 69 scratch total, three under par.

An indication of the tremendous pace set by the linksmen is the fact that 13 golfers in the first division shot under 80 on the Maryville course.

The 157 player field tied the turnout record that had been established at Beaver Brook in April of 1962.

First Flight

Congratulations go to Thomas, the first division winner and tournament champ. J. R. Pugh took first division handicap honors with a 74.

Second scratch honors went to Jim Beckett and Bill Maddux with 74's; second handicap was split by L. E. Kincaid and F. K. Clabough with 67's. W. T. Mee took fourth scratch with a 77 and J. R. Baker was victorious with

a 70 score in the fourth handicap. Most pars shot went to Carl Dorr with 16, followed closely by L. W. Miller and H. B. Presley with 15 each.

Second Flight

Big guns in the second flight belonged to J. F. Vance, low scratch with 79 and C. K. Ferguson with the low handicap of 70. Bob Schilling was second low scratch with an 83; Hugh Richards captured second low handicap with 72. Third place scratch went to W. R. Hicks with an 83. Locked in the third handicap spot were Joe Miller, E. C. Stinnett and Dan Morgan, all with 73's. Returning from the long march with the most pars were R. C. Spurling and Henry Fox.

Third Flight

The 35-man-strong third flight was led by Bill Grubb with a low scratch 81, and Robert W. Hagood with the low handicap total of 65. Tied for second scratch honors were Ernie Collins and Don Mahaffey with 84's. All alone in the second handicap spot was Charles Settles with a 67, third handicap position rested with Merle Emery with a 68. Fourth spots went to Jim Wiley with an 85 scratch and George Heins with a handicap 69.

Gathering most pars were L. E. Burkhart and J. A. Griffin with eight each.

Fourth Flight

The low men in this 55 man field were J. D. Robertson with an 83 scratch and Bill Sise with a low handicap of 64.

The second place scratch was shared by B. M. Burrus and Hoyt Mantooth with 86's; R. L. Bedwell's 65 handicap score was good for the second spot honors.

The third handicap position was also a deadlocked affair between R. E. Plemons and J. A. Miller with 69's. John Minchey took home fourth scratch laurels with a 91.

Coming home with the most pars was Ray Riggs with nine, followed by C. R. McGinnis and Eugene Boyd with six each.

Shift Combo Fishing Rodeo Is Saturday

A big Spring Fishing Rodeo is set for Saturday, May 16, by the E, F, G, H and J Shifts. It will begin at 5 a.m. and extend through 5 p.m. Saturday at the Anderson County Boat Dock, Norris Lake.

Prizes are listed as follows:

Largemouth Bass

1. Reel

2. Picnic Table

Smallmouth Bass

1. Spinning Rod

2. Coleman Lantern

Striped Bass

1. Coleman Stove

2. Minnow Bucket

Crappie

1. Sleeping Bag

2. Ice Chest

Walleye Or Sauger

1. 300 reel

2. Ice Cream Freezer

Bream

1. Pup tent

2. Boat Cushion & stringer

Catfish Or Drum

1. Charcoal Grill

Only one fishing award will be allowed per employee. All Y-12 employees, their spouses and offsprings are invited to the big contest. That's Saturday, May 16. See you at the Anderson County Boat Dock!

The Old Timer



"By the time a man can afford to lose a golf ball he can't hit it that far."



GENERAL SHOPS, TOOL DESIGN AND CERTIFICATION
Design Groups gathered Saturday, April 18, for a happy Spring dinner. The affair was held at Helma's Restaurant, on the Asheville Highway, and brought out

most everyone with his spouse, her husband or his or her dates. "El Bardo" the Magician (center photo, third from left), entertained the group with his feats of magic. Others shown with the magician are M. B. Hil-

ton, Leo Waters, L. B. (or El Bardo) Lockhart and L. M. McNeil. The joint party was such a success folks are already talking about having another one. Even the crowded space they liked!

BULK RATE
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PAID
Oak Ridge, Tenn.
Permit No. 71

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CORPORATION
NUCLEAR DIVISION**

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Oak Ridge, Tennessee—37831

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Mid-May anniversaries are thick and heavy in Y-12, as seven pass the 20-year landmark. Others observe important milestones also. Congratulations.

20 YEARS

Francis V. Tilson, Superintendents' Division, May 13.
Charles E. Fritts, Stores Department, May 15.
James P. Dillard, General Machine Shop, May 16.
Gustave J. Angele, Engineering Mechanics, May 17.
Paul H. Trebilcox, Chemical Services, May 17.
Katherine A. Sells, Laboratory Development, May 17.
Betty J. Butler, Medical Department, May 19.

15 YEARS

Oscar M. Kelly, General Expediting and Auxiliary Services, May 13.

10 YEARS

Jack D. Cox, H-2 and F-Area Shops, May 12.
Lynden W. Moneymaker, 9215 Rolling, May 13.
Claude Allen, E. M. C-Wing and 9206 Shops, May 13.
Aron Smith, Dimensional Inspection, May 13.
Benjamin P. Parteka, General Machine Shop, May 13.
Joseph L. Waddell, Quality Assurance, May 13.
Edgar W. Phelps Jr., Dimensional Inspection, May 13.
James L. Billings, General Machine Shop, May 13.
Charles C. Shipley, Beta Two Shop, May 13.
Robert L. Robertson, Quality Assurance, May 13.
James W. T. Halsey, Dimensional Inspection, May 13.
Milburn J. Kilgore, Tool Grinding, May 13.
Robert K. Miller, Beta Four Forming, May 17.
Floyd C. Wheeler, Machine Maintenance, May 17.
James D. Franklin, Buildings, Grounds and Maintenance Shops, May 17.
Albert S. Ruszkowski, Dimensional Inspection, May 17.
Charles E. Anderson, Alpha Five Machine Shop, May 17.
James P. Powers, Process Maintenance, May 17.
George A. Grider, E. M. C-Wing and 9206 Shops, May 17.
Norris R. Parrott, Metallurgical Development, May 18.
Charles P. Sampson, Instrument Engineering, May 18.
E. W. Cook, Microreproduction and Engineering Services, May 18.
Lewis Y. Morrow, E. M. C-Wing and 9206 Shops, May 19.
Daniel C. Bonifacius Jr., H-2 and F-Area Shops, May 19.
Bobby G. Nelson, E. M. C-Wing and 9206 Shops, May 19.
Roland E. Plemons, Beta Two Forming, May 19.



Riders wanted or will join car pool from Rockwood to Bear Creek, West, or Central Portal, straight day. J. W. Jackson, plant phone 7003, home phone Rockwood 354-0261.

Will join car pool from vicinity of traffic light at Karns, to West or Central Portal, straight day. Floyd Hipshire, plant phone 7-8923.

Ride wanted from 745 West Outer Drive, Oak Ridge, to Bear Creek Portal, straight day. C. H. Beddingfield, home phone Oak Ridge 482-1486.

Ride wanted from Lobetti Road section, Knoxville, to West Portal, J Shift. H. R. King, home phone Knoxville 588-8945.

Rider wanted from the Washington Pike, Whittle Springs Rd., Cecil Street, or Lincoln Park section, Knoxville, to East or Central Portal, straight day. J. F. Baker, home phone Knoxville 523-4542.

How Oak Ridge Got Its Name

The name "Oak Ridge" was chosen by Manhattan District engineers for two reasons: the site on which the town was constructed was known as Black Oak Ridge; and the rural connotation held outside curiosity to a minimum, early Ridgers believed.



L. M. SCOTT AND WADE ROBERTS (seated) read data being fed to the computing system of the In Vivo Radioactivity Measurement (IVRM) Facility. Approximately 750 employees are monitored each quarter by the 'live-body' counter.

Rights Endowed By Creator . . . Not Men

"Our Declaration of Independence embodies the ideal of American political liberty. It sums up the American concept of both origin and purpose of the institution of government. Such rights are endowed by man's Creator, not by other men. Here, implicitly in the first great declaration of that first body of men who gloried in the title of "American," is a clear acknowledgement of that God whom communism denies." . . . J. Edgar Hoover.

RED WORKERS

If one quits his job on his own without proper authorization in the Soviet Union, he is subject to 10 years in a slave labor camp. Workers are also responsible for damage or loss of tools, raw materials, fuel, clothing and these can be deducted from wages up to 10 times their actual value.

Wedding Business Is Still Booming

Marriage, that proverbially blissful state, is on the rise. Statisticians of Metropolitan Life Insurance Company report that the number of marriages in the United States increased 1.9 per cent in 1962 and that it was the fourth consecutive year to record a rise. There were about 1,579,000 marriages in this country last year, compared with 1,550,000 in 1961 and 1,525,000 in 1960.

'Safety' Defined

If you've been looking for a definition of Safety . . . seek no further. "Safety is not a signal light, a jail sentence, a divided highway or an enforcement index. Safety is primarily a state of mind, under which all people, realizing the consequences of accidents, are willing to accept those restraints necessary to prevent them."

In Vivo Counter

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There is no discomfort involved, whatsoever. As a matter of fact, the opposite is true. There are no shots, no wires or electrodes to hook on. The employee lies quietly and peacefully on the cot for about 30 minutes, listening to soothing music.

An intercommunication system provides constant voice contact between the subject employee and the analyst. Cooled-air is recirculated through the Iron Room to give the subject employee the most comfortable conditions possible during the reading.

Supplements Urinalysis

Results from the reading are recorded as numbers on a tape or lines on a chart. The machine "sees" much of the radioactivity present in the average individual. This data must be studied and evaluated before any interpretation can be made. The detection becomes a valuable supplement to the urinalysis program.

The IVRM facility has been operational for the past six years in Y-12, and monitors approximately 736 employees a quarter.

Hand-in-hand with air sampling, urinalysis, badge check, and other methods of measuring radiation exposure, the In Vivo Counter is a vital part of Y-12's concern for the health and welfare of its employees.

Karns Lions Busy With Week-End Boating

Several Y-12ers are busily promoting the Karns Lions Club's hydroplane race to be held on Fort Loudoun Lake, Saturday and Sunday, May 16, 17. The Mid-South Hydroplane Championships Races are set, beginning at 1 p.m., at the Knoxville Boat Club.

Saturday will open for speed trials, tuning and testing equipment and the competition races in classes A, B, C, D and X hydros will be run on Sunday.

Karns Lions are also busy this week, as the State Lion's Convention is being held in Knoxville this year, beginning tomorrow, Thursday, May 14 and extending through Saturday.



SPRING CLEAN-UP CHAMPION INSPECTORS from all 20 areas of Y-12 are seen receiving their awards for outstanding performance during the cleaning up activities. On the first row, from left, are A. A. Hinton, Bonnie Reynolds, Coordinator P. C. Dabbs, P. A. Cuthbertson, Cecil Stanifer, D. E. Gooch and A. J. Albright. In the second row are M. L. Gardner, G. L. Davis, J. L. English, Juanita Easley, George McMahon, L. E. Baker and L. B. Gillis. The third row includes W. F. Griffith, W. C. Guettner, H. I. Adler, F. H. Patterson, J. E. Summers, B. F. Rutherford and W. C. Neeley.